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EXHIBIT B: PENDING CLAIMS

Application No.09/668,724 as amended April 1, 2002

31. (amended) A method for modulating an immune response comprising administering to a human a purified compound, other than a complex of a heat shock protein and a peptide, which compound modulates the interaction of a first heat shock protein with the alpha (2) macroglobulin receptor.

32. The method of Claim 31, in which the compound is an agonist which enhances the interaction of the heat shock protein and the alpha (2) macroglobulin receptor.

71. (amended) A method for modulating an immune response comprising administering to a human a purified compound, other than a complex of a heat shock protein and a peptide, which compound binds to the alpha (2) macroglobulin receptor, in an amount effective to modulate an immune response in the mammal.

75. The method of claim 71 wherein the compound is an agonist which increases alpha (2) macroglobulin receptor activity.

76. The method of claim 31 or 71 wherein the compound is an antagonist which decreases alpha (2) macroglobulin receptor activity.

77. The method of claim 31 wherein the compound is an antibody specific for alpha (2) macroglobulin.

78. The method of claim 31 or 71 wherein the compound is an antibody specific for alpha (2) macroglobulin receptor.

79. The method of claim 31 wherein the compound is an antibody specific for first heat shock protein.

80. The method of claim 31, wherein the first heat shock protein is gp96.

81. The method of claim 31 wherein the first heat shock protein is Hsp70.
82. The method of claim 31 wherein the first heat shock protein is Hsp90.
83. The method of claim 31 or 71 wherein the compound is a small molecule.
84. The method of claim 31 or 71 wherein the compound is a peptide.